



SEQUENCE LISTING

<110> Vanderklimpen, Greet
Van Eldik, Gerben
Meulewaeter, Frank

<120> Corn root preferential promoters and uses thereof

<130> 1021565-000119

<140> US 10/623,500

<141> 2003-07-22

<150> US 60/399,983

<151> 2002-07-31

<160> 31

<170> PatentIn version 3.3

<210> 1

<211> 378

<212> DNA

<213> Zea mays

<220>

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<222> (1)..(338)

<223> promoter

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<222> (339)..(370)

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aagaggtgat tgggcttcag cgcgcgatcc aaccaagtg ggttcacaa cgtgaacctc 180

atgcagctta aaatacagcc agttgtgatc catctgccac agctgtttct acctcagatg 240

tgctacacag tgtattacct gtttctacct cgcatgatgtg ctacacagtt gcttatgact 300

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 <213> Zea mays

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 35 40 45
 Thr Thr Pro Lys Val Thr Met Leu Ser Ala Thr Leu Cys Tyr Thr Gly
 50 55 60
 Glu Thr Cys Lys Tyr Ile Thr Cys Leu Thr Pro Ala Cys Ser Cys Asn
 65 70 75 80
 Tyr Asp Asp Arg Arg Cys Tyr Ile Ile Phe Thr Pro Ala Ala Ala
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 cgtatatgcg tattaattag ccgtgtcagg gaaccggaca gaaggggggtg ttgttttata 480
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 <213> Zea mays

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 35 40 45

Val Thr Met Leu Ser Ala Thr Leu Cys Tyr Thr Gly Glu Thr Cys Lys
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Tyr Ile Gly Cys Leu Thr Pro Ala Cys Ser Cys Asn Tyr Ser Asp Arg
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<223> oligonucleotide primer GVK30

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<210> 12

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<222> (318)..(58)
<223> 3' nos

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<222> (888)..(337)
<223> coding region of the bar gene

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<222> (1721)..(889)
<223> 35S promoter

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<223> 3' end 35S

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<222> (4511)..(2003)
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<222> (4546)..(4515)
<223> leader sequence from the corn GL4 transcript

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<222> (5732)..(4547)
<223> corn preferential promoter GL4

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